

WHAT IS CLAIMED IS:

1. A manufacturing method of a non-woven fabric comprising the steps of:

5 forming a fibrous web on an outer peripheral surface of a wire net transporting belt circulating;

forming a non-woven fabric by applying water jets to said fibrous web on the outer peripheral surface of said wire net transporting belt for entangling fibers; and

10 transporting said non-woven fabric to be opposed to a forming body having a predetermined pattern, and applying water jets to said non-woven fabric from the side of an inner peripheral surface of said wire net transporting belt or another wire net transporting belt following said wire net transporting belt for urging said non-woven fabric onto said forming body  
15 for transferring said pattern of said forming body to said non-woven fabric.

2. The manufacturing method of a non-woven fabric as set forth in claim 1, wherein said forming body is a member having 20 a plurality of openings, and a pattern of said openings is transferred to said non-woven fabric.

3. The manufacturing method of a non-woven fabric as set forth in claim 1, wherein said forming body is a net, and a 25 pattern of the net is transferred to said non-woven fabric.

4. The manufacturing method of a non-woven fabric as set

forth in claim 1, wherein, in said fibrous web forming step, a raw material, in which the fibers are mixed with a liquid, is provided on said wire net transporting belt.

5 5. The manufacturing method of a non-woven fabric as set forth in claim 1, which further comprises a drying step for drying said non-woven fabric having said pattern transferred thereto.

10 6. A manufacturing method of a non-woven fabric comprising the steps of:

forming a fibrous web on an outer peripheral surface of a wire net transporting belt circulating; and

15 transporting said fibrous web to be opposed to a forming body having a predetermined pattern, and applying water jets to said fibrous web from the side of an inner peripheral surface of said wire net transporting belt for urging said fibrous web onto said forming body for entangling fibers of said fibrous web for forming a non-woven fabric and in conjunction therewith 20 for transferring said pattern of said forming body to said non-woven fabric.

7. The manufacturing method of a non-woven fabric as set forth in claim 6, wherein said forming body is a member having 25 a plurality of openings, and a pattern of said openings is transferred to said non-woven fabric.

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8. The manufacturing method of a non-woven fabric as set forth in claim 6, wherein said forming body is a net, and a pattern of the net is transferred to said non-woven fabric.

5 9. The manufacturing method of a non-woven fabric as set forth in claim 6, wherein, in said fibrous web forming step, a raw material, in which the fibers are mixed with a liquid, is provided on said wire net transporting belt.

10 10. The manufacturing method of a non-woven fabric as set forth in claim 6, which further comprises a drying step for drying said non-woven fabric having said pattern transferred thereto.

15 11. A manufacturing apparatus of a non-woven fabric comprising:

a wire net transporting belt circulating;  
fiber supply means for supplying material fibers on an outer peripheral surface of said wire net transporting belt  
20 and forming a fibrous web on the outer peripheral surface of said wire net transporting belt;

first water jet means for applying water jets to said fibrous web from the side of the outer peripheral surface of said wire net transporting belt for entangling the fibers of  
25 said fibrous web and forming a non-woven fabric;

a forming body having a predetermined pattern to be opposed to said non-woven fabric on the outer peripheral surface

of said wire net transporting belt; and

second water jet means for applying water jets to said non-woven fabric from the side of an inner peripheral surface of said wire net transporting belt for urging said non-woven fabric onto said forming body for transferring said pattern to said non-woven fabric.

12. The manufacturing apparatus of a non-woven fabric as set forth in claim 11, wherein said forming body is a drum or  
10 circulating belt having a plurality of openings on a surface thereof.

13. The manufacturing apparatus of a non-woven fabric as set forth in claim 11, wherein said forming body is a drum having

14. The manufacturing apparatus of a non-woven fabric as set forth in claim 11, wherein said fiber supply means supplies a raw material, in which the fibers are mixed with a liquid,  
20 to said wire net transporting belt.

15. The manufacturing apparatus of a non-woven fabric as set forth in claim 11, which further comprises drying means located downstream of said forming body for drying said non-woven fabric  
25 having said pattern transferred thereto.

## 16. A manufacturing apparatus of a non-woven fabric

comprising:

- a wire net transporting belt circulating;
- fiber supply means for supplying material fibers on an outer peripheral surface of said wire net transporting belt
- 5 and forming a fibrous web on the outer peripheral surface of said wire net transporting belt;

a forming body having a predetermined pattern to be opposed to said fibrous web on the outer peripheral surface of said wire net transporting belt; and

- 10 water jet means for applying water jets to said fibrous web from the side of an inner peripheral surface of said wire net transporting belt for urging said fibrous web onto said forming body for entangling the fibers of said fibrous web for forming a non-woven fabric and in conjunction therewith for
- 15 transferring said pattern to said non-woven fabric.

- 17. The manufacturing apparatus of a non-woven fabric as set forth in claim 16, wherein said forming body is a drum or circulating belt having a plurality of openings on a surface
- 20 thereof.

- 18. The manufacturing apparatus of a non-woven fabric as set forth in claim 16, wherein said forming body is a drum having a net on a surface thereof or a circulating belt made of a net.

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- 19. The manufacturing apparatus of a non-woven fabric as set forth in claim 16, wherein said fiber supply means supplies

a raw material, in which the fibers are mixed with a liquid, to said wire net transporting belt.

20. The manufacturing apparatus of a non-woven fabric as set forth in claim 16, which further comprises drying means located downstream of said forming body for drying said non-woven fabric having said pattern transferred thereto.